

#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
<b>Attachment A: General Provisions</b>		
1	Post General Permit or certificate clearly visible and accessible. Att. A, Section IV, Part A	
2	Clearly mark equipment issued an ATO with a) the current permit number and ATO number <u>or</u> b) a serial number or other equipment number that is also listed in the ATO. Att. A, Section IV, Part B.1	
3	Clearly mark equipment not issued an ATO, but covered by this GP, with a) the current permit number <u>or</u> b) a serial number or other equipment number that is also listed in the permit application. Att. A, Section IV, Part B.2	
4	Keep a copy of the GP and ATOs on site. Att. A, Section IV, Part C	
5	Keep records of all required monitoring information. Retain the records for at least 5 years. Maintain records in an unchangeable electronic format or in a handwritten logbook using indelible ink. Att. A, Section XII	
6	Notify the Department of applicable facility changes. Att. A, Section XV	
7	Submit test plans to ADEQ and conduct performance tests as specified by the permit. Att. A, Section XVI	
<b>Attachment B: Specific Concrete Batch Plant Requirements</b>		
8	Do not exceed 1,280 yd <sup>3</sup> of throughput per day while operating under generator power in an attainment area. Att. B, Section III, Part A.1	
9	Do not exceed 1,310 yd <sup>3</sup> of throughput per day while operating under commercial electric power in an attainment area. Att. B, Section III, Part A.2	
10	Do not exceed 930 yd <sup>3</sup> of throughput per day while operating under generator power in a non-attainment area. Att. B, Section III, Part B.1.a	
11	Do not exceed 960 yd <sup>3</sup> while operating under commercial electric power in a non-attainment area. Att. B, Section III, Part B.1.b	
12	Do not exceed 90 tons per year of nitrogen oxides, carbon monoxide, and sulfur dioxide emissions from the CBP while operating outside of Maricopa County. Att. B, Section III, Part C	
13	Do not exceed 90 tons per year and 495 pounds per day of carbon monoxide, while operating inside Maricopa County. Att. B, Section III, Part D	

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14	Do not exceed 22.5 tons per year and 135 pounds per day of nitrogen oxides, sulfur dioxide, VOCs, and particulate matter, while operating inside Maricopa County. Att. B, Section III, Part D	
15	Do not exceed 13.5 tons per year and 76.5 pounds per day of particulate matter with an aerodynamic diameter less than 10 microns, while operating inside Maricopa County. Att. B, Section III, Part D	
16	Do not hold an ADEQ air quality permit and a county air quality permit concurrently for the concrete batch facility. Att. B, Section III, Part E.1	
17	Do not collocate the concrete batch facility with a hot mix asphalt or a crushing and screening facility. Att. B, Section III, Part E.2	
18	Have a Certified EPA Method 9 person on site or on-call. Att. B, Section III, Part E.3	
19	Operate and maintain emission related equipment in accordance with manufacturer's specifications or O&M plan. Att. B, Section III, Part E.4	
20	Keep a copy of the manufacturer's specifications or O&M plan on-site and made available upon request. Att. B, Section III, Part E.4	
21	Do not exceed the operation hours specified in the ATOs. Att. B, Section III, Part E.5	
22	Maintain records of total daily production of material processed by equipment covered by this GP. Att. B, Section III, Part F.1	
23	Keep on-site records of maintenance performed on all emission related equipment. Att. B, Section III, Part F.2	
24	Retain all records, analyses, and reports for a minimum of 5 yrs; 2 most recent years kept on-site. Att. B, Section III, Part F.4	
25	Maintain daily, monthly, and rolling 12-month totals of hours of operation of all the equipment at the facility. Att. B, Section III, Part F.5	
26	Submit summary reports of all monitoring and recordkeeping required by Att. "B", "C", "D" and "E" at the time the compliance certifications are submitted. Att. B, Section III, Part G	
<b>Attachment B, Section IV: Concrete Batch Plant Requirements</b>		
27	Opacity <= 40% for non-point sources. Att. B, Section IV, Part A.1	
28	Opacity <= 20% for point sources. Att. B, Section IV, Part A.2	

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29	<p><b>Operate baghouses, or equivalent, in accordance with vendor specifications or an O&amp;M plan, to control emissions vented by cement/fly ash storage silos during the loading of cement or fly ash.</b></p> <p>Att. B, Section IV, Part B.1.a</p>	
30	<p><b>Keep a copy of the baghouse vendor specifications or O&amp;M plan on site.</b></p> <p>Att. B, Section IV, Part B.1.a</p>	
31	<p><b>Load the cement or fly ash storage silos such that displaced air does not bypass the baghouse and is not directly vented to the atmosphere.</b></p> <p>Att. B, Section IV, Part B.1.b</p>	
32	<p><b>Maintain baghouses as follows:</b></p> <ul style="list-style-type: none"> <li>i. Visual inspection conducted prior to start-up.</li> <li>ii. Pressurized systems turned off after shutdown.</li> <li>iii. All pressure and temperature gages, flow meters, and other related instruments checked daily. Any detected problems corrected as soon as possible.</li> <li>iv. All ducts, hoods, framework and housings checked daily for signs of wear.</li> <li>v. Fan motor, bearings, shaking devices, reverse-jet blow rings, valves, and dampers lubricated regularly and checked for wear.</li> <li>vi. Records maintained to demonstrate compliance with maintenance activities.</li> </ul> <p>Att. B, Section IV, Part B.1.c</p>	
33	<p><b>Install and maintain a rubber sleeve on the product delivery system for truck-mix facilities.</b></p> <p>Att. B, Section IV, Part B.2.a</p>	
34	<p><b>Operate a rubber sleeve, baghouse, or equivalent, in accordance with vendor specifications or the O&amp;M plan.</b></p> <p>Att. B, Section IV, Part B.2.b</p>	
35	<p><b>Keep a copy of vendor specifications or the O&amp;M plan on-site for a rubber sleeve, baghouse, or equivalent.</b></p> <p>Att. B, Section IV, Part B.2.b</p>	
36	<p><b>Operate and maintain water sprays as follows:</b></p> <ul style="list-style-type: none"> <li>i. Water supply checked, nozzles inspected and associated valves opened prior to start up.</li> <li>ii. Nozzles inspected and all associated valves closed following shut-down.</li> <li>iii. Spray system checked daily for performance.</li> <li>iv. Nozzles and valves cleaned or replaced as needed.</li> </ul> <p>Att. B, Section IV, Part B.3.a</p>	

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37	<p><b>Operate and maintain water trucks as follows:</b></p> <ul style="list-style-type: none"> <li>i. Water supply checked, all nozzles inspected, and all associated valves opened.</li> <li>ii. All nozzles inspected and all associated valves closed following shut-down.</li> <li>iii. Safety and equipment checks conducted daily.</li> <li>iv. Normal vehicle maintenance performed as needed.</li> </ul> <p>Att. B, Section IV, Part B.3.b</p>	
38	<p><b>Maintain records to demonstrate compliance with water truck and water spray activities.</b></p> <p>Att. B, Section IV, Part B.3.c</p>	
39	<p><b>Conduct a monthly survey of visible emissions emanating from all process equipment. Conduct a certified EPA Method 9 observation if emissions appear to exceed the standard.</b></p> <p>Att. B, Section IV, Part C.1.a</p>	
40	<p><b>Keep records of the initial survey and any EPA Reference Method 9 Observations performed.</b></p> <p>Att. B, Section IV, Part C.1.b</p>	
41	<p><b>Take corrective action and log all such actions if the observation results in an exceedance of the opacity limit.</b></p> <p>Att. B, Section IV, Part C.1.c</p>	
42	<p><b>Maintain logs on-site of all maintenance activities performed on a baghouse.</b></p> <p>Att. B, Section IV, Part C.2</p>	
43	<p><b>Monitor and record twice per shift the pressure drop (in inches of water) across the baghouse, if the baghouse is equipped with a pressure drop measuring device.</b></p> <p>Att. B, Section IV, Part C.3</p>	
<b>Attachment B, Section V: Wash Plant Requirements</b>		
44	<p><b>Maintain and operate control equipment (venturi scrubbers, spray bars, or equivalent) to control visible emissions from operations likely to result in significant amounts of airborne dust (screening, handling, transporting or conveying of materials, etc).</b></p> <p>Att. B, Section V, Part A</p>	
45	<p><b>"Spray bar pollution control utilized in accordance with "EPA Control of Air Emissions From Process Operations in the Rock Crushing Industry" (EPA 340/1-79-002), and "Wet Suppression System" (pages 15-34, amended as of January, 1979 (and no future amendments or editions)), as incorporated herein by reference and on file with the Office of the Secretary of State, with placement of spray bars and nozzles as required by the Director to minimize air pollution. "</b></p> <p>Att. B, Section V, Part B</p>	
46	<p><b>Maintain a log of all maintenance activities performed on the spray bars. Include the date, time, type, and duration.</b></p> <p>Att. B, Section V, Part C</p>	
<p><b>Attachment B, Section VI: Requirements for Boilers</b></p> <p><b>Applicable to boilers with a cumulative max firing capacity of 10 MMBtu per hour.</b></p>		

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47	<b>Burn only natural gas, liquefied petroleum gas (butane or propane), on-specification used oil, or low-sulfur diesel fuel, as identified on the ATOs.</b> Att. B, Section VI, Part B.1	
48	<b>Do not use on-specification used oil unless:</b> i. The oil is analyzed and certified by the manufacturer. ii. The flash point is at least 100°F. iii. The contaminants do not exceed the pollutant limits indicated in the permit. Att. B, Section VI, Part 2	
49	<b>Maintain copies of fuel analysis supplied by the marketer of each batch of on-specification used oil. Confirm that contaminant levels are not exceeded.</b> Att. B, Section VI, Part B.3	
50	<b>Do not exceed particulate matter emission limitations as defined in the permit.</b> Att. B, Section VI, Part C.1	
51	<b>Keep records of fuel supplier certifications. Include the name of the supplier and the lower heating value of the fuel.</b> Att. B, Section VI, Part C.2	
52	<b>Opacity &lt;= 15% from any boiler.</b> Att. B, Section VI, Part D.1	
53	<b>Report all 6-minute periods where the opacity exceeds 15%.</b> Att. B, Section VI, Part D.2.a	
54	<b>Conduct monthly surveys of visible emissions emanating from the boiler stack.</b> Att. B, Section VI, Part D.2.b	
55	<b>Keep records to demonstrate that low-sulfur diesel fuel is less than 0.9% sulfur by weight and the resulting emissions are no more than 1.0 lb sulfur dioxide per million Btu heat input.</b> Att. B, Section VI, Part E.1-2	
56	<b>Operate and maintain oil-fired burners consistent with safety and good air pollution control practices.</b> Att. B, Section VI, Part F.3.a	
57	<b>Perform tune-ups on oil-fired boilers every 2 yrs and not more than 25 months apart. (See tune-up procedure in permit.)</b> Att. B, Section VI, Part F.3.c	

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58	<p>Keep records to document continuous compliance with tune-up requirements.</p> <p>Identify in the records:</p> <ul style="list-style-type: none"> <li>i. Each boiler</li> <li>ii. Date of tune-up</li> <li>iii. Procedures followed for the tune-up</li> <li>iv. Manufacturer's specifications to which the boiler was tuned.</li> <li>v. Description of fuel type used monthly</li> <li>vi. Total fuel usage</li> <li>vii. Concentrations of CO in the effluent stream before and after the tune-ups.</li> <li>viii. Description of corrective actions taken as part of tune-up.</li> <li>ix. Type and amount of fuel used over 12 months prior to the biennial tune-up.</li> </ul> <p style="text-align: right;">Att. B, Section VI, Part F.3.c.2</p>	
59	<p>Maintain on-site a biennial report containing:</p> <ul style="list-style-type: none"> <li>i. The concentration of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler.</li> <li>ii. A description of any corrective actions taken as part of the tune-up of the boiler.</li> <li>iii. The type and amount of fuel used over the 12 months prior to the biennial tune-up of each boiler.</li> </ul> <p style="text-align: right;">Att. B, Section VI, Part F.2.a</p>	
<b>Attachment B, Section VII: Direct Fired Fuel Burning Equipment Requirements</b>		
60	<p>Burn only natural gas or liquefied petroleum gas (butane or propane) in direct-fired equipment, as defined in the ATO(s).</p> <p style="text-align: right;">Att. B, Section VII, Part B</p>	
61	<p>Do not exceed particulate matter limitations as defined in the permit.</p> <p style="text-align: right;">Att. B, Section VII, Part C.1</p>	
62	<p>Opacity ≤20% for any plume or effluent from direct-fired equipment.</p> <p style="text-align: right;">Att. B, Section VII, Part C.2</p>	
<p style="text-align: center;"><b>Attachment B, Section VIII: Internal Combustion Engines Requirements</b></p> <p style="text-align: center;"><b>Applicable to all internal combustion engines that do not meet the definition of a non-road engine per 40 CFR 89.2</b></p>		
63	<p>Burn only natural gas, liquefied petroleum gas (butane or propane), low-sulfur diesel fuel or gasoline in the generators, as defined in the ATOs.</p> <p style="text-align: right;">Att. B, Section VIII, Part B.1</p>	
64	<p>Comply with hourly limitations in the ATO for each generator.</p> <p style="text-align: right;">Att. B, Section VIII, Part B.2</p>	

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65	Maintain daily, monthly, and rolling 12-month records of the total hours of operation of each ICE (except for mobile equipment, such as trucks and front-end loaders). Att. B, Section VIII, Part B.3.a	
66	Maintain copies of fuel supplier certifications to verify sulfur content is within specified limits. Att. B, Section VIII, Part B.3.b	
<b>Attachment B, Section VIII, Part C: Stationary Compression Ignition Engines subject to NSPS Subpart IIII Applies to compression ignition engines marked as subject to NSPS Subpart IIII on the associated ATO.</b>		
67	Operate the engine subject to NSPS Subpart IIII as follows: i. O&M performed according to a) manufacturer's written instructions or b) procedures developed by the Permittee and approved by the engine manufacturer for the life of the engine. Keep a copy on-site. ii. Change of engine settings must be permitted by the manufacturer. iii. Meet 40 CFR parts 89, 94, or 1068 requirements, as they apply. iv. Meet fuel requirements: After 10/1/2010, sulfur content must be < 15 ppm and minimum cetane index of 40 or max aromatic content of 35% Att. B, Section VIII, Part C.2.a	
68	Comply with emission limitations and standards. Att. B, Section VIII, Part C.2.b, C.3-C.6	
69	Comply with notification and reporting. Att. B, Section VIII, Part C.2.c	
70	Comply with monitoring and record keeping requirements. Att. B, Section VIII, Part C.2.d	
71	Comply with testing requirements according to 40 CFR 60.4212 for an internal combustion engine with a displacement of less than 30 L per cylinder. Att. B, Section VIII, Part C.2.e	
72	Comply with PM emission limitations and standards. Att. B, Section VIII, Part C.3.a	
73	Operate and maintain the control device according to the manufacturer's written instructions or procedures that are developed by the Permittee and approved by the engine manufacturer. Keep a copy of instructions/procedures on-site. Att. B, Section VII, Part C.3.c	

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74	<p>If the engine is equipped with a diesel particulate filter:</p> <ul style="list-style-type: none"> <li>i. Install, maintain and operate it in accordance with good air pollution control practices.</li> <li>ii. Install a backpressure monitor on the diesel particulate filter that notifies the Permittee when the high backpressure limit of the engine is approached.</li> <li>iii. Keep records of any corrective action taken after the backpressure monitor has notified the Permittee that the limit is approached.</li> </ul> <p style="text-align: right;">Att. B, Section VIII, Part C.3.b,c</p>	
75	<p>Comply with nitrogen oxide emission limitations and standards.</p> <p style="text-align: right;">Att. B, Section VIII, Part C.4.a</p>	
76	<p>Comply with carbon monoxide emission limitations and standards.</p> <p style="text-align: right;">Att. B, Section VIII, Part C.5.a</p>	
77	<p>Comply with hydrocarbon emission limitations and standards.</p> <p style="text-align: right;">Att. B, Section VIII, Part C.6.a</p>	
<b>Attachment B, Section VIII, Part D: Stationary Spark Engines subject to NSPS 40 CFR 60 Subpart JJJJ Applies to stationary spark engines marked as subject to NSPS 40 CFR 60 Subpart JJJJ on the ATO.</b>		
78	<p>Operate the SSE subject to NSPS as follows:</p> <ul style="list-style-type: none"> <li>i. Use only propane, liquefied petroleum gas, natural gas or gasoline as fuel.</li> <li>ii. Comply with engine importation requirements.</li> <li>iii. Maintain a record of the fuel sulfur content and lower heating value.</li> <li>iv. Install a non-resettable hour meter on the SI ICE.</li> </ul> <p style="text-align: right;">Att. B, Section VIII, Part D.2</p>	
79	<p>Comply with emission limitations.</p> <p style="text-align: right;">Att. B, Section VIII, Part D.3</p>	
80	<p>Meet compliance demonstration requirements.</p> <p style="text-align: right;">Att. B, Section VIII, Part D.4</p>	
81	<p>Comply with monitoring, recordkeeping, and reporting requirements.</p> <p style="text-align: right;">Att. B, Section VIII, Part D.5</p>	
82	<p>Conduct performance tests in accordance with (a) through (f) of 40 CFR 60.4244.</p> <p style="text-align: right;">Att. B, Section VIII, Part D.6</p>	
<b>Attachment B, Section VIII, Part E: Internal Combustion Engines Not Subject To Any NSPS Requirements</b>		
83	<p>Comply with particulate matter and opacity limitations and standards.</p> <p style="text-align: right;">Att. B, Section VIII, Part E.2</p>	
84	<p>Do not emit more than 1.0 pound of sulfur dioxide per million Btu heat input.</p> <p style="text-align: right;">Att. B, Section VIII, Part E.3.a.i</p>	
85	<p>Do not burn high-sulfur diesel fuel (sulfur content &gt;0.9% by weight).</p> <p style="text-align: right;">Att. B, Section VIII, Part E.3.a.ii</p>	



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86	<p>Keep daily records of the sulfur content and lower heating value of the fuel fired in the generator and report to the Director any daily period during which the sulfur content of the fuel exceeds 0.8%.</p> <p>Att. B, Section VIII, Part E.3.b</p>	
<p><b>Attachment B, Section VIII, Part F: Internal Combustion Engines subject to NESHAP</b>  <b>Applies to stationary reciprocating internal combustion engines (RICE) marked as subject to NESHAP</b>  <b>Subpart ZZZ on the ATO.</b></p>		
87	<p>Meet the requirements of stationary compression engines subject to NSPS Subpart IIII (Att. B, Section VIII, Part C) if the CI engine is new or reconstructed.</p> <ul style="list-style-type: none"> <li>i. General operating requirements</li> <li>ii. Emission and operating limitations</li> <li>iii. Monitoring requirements</li> <li>iv. Reporting and recordkeeping requirements</li> <li>v. Performance testing</li> <li>vi. Compliance demonstration</li> </ul> <p>Att. B, Section VIII, Part F.1.a.i</p>	
88	<p>Comply with emission and operating limitations for an existing CI engine no later than May 3, 2013.</p> <p>Att. B, Section VIII, Part F.1.a.ii</p>	
89	<p>Operate and maintain the engines including associated air pollution control equipment and monitoring equipment in a manner consistent with safety and good air pollution control practices.</p> <p>Att. B, Section VIII, Part F.1.b.ii</p>	
90	<p>Perform the following on CI engines less &lt;= 300 hp:</p> <ul style="list-style-type: none"> <li>i. Change oil and filter every 1000 hrs of operation or annually, whichever comes first.</li> <li>ii. Inspect air cleaner every 1000 hrs of operation or annually, whichever comes first.</li> <li>iii. Inspect all hoses and belts every 500 hrs of operation or annually, whichever comes first.</li> </ul> <p>Att. B, Section VIII, Part F.1.b.iii</p>	
91	<p>Minimize the engine's time at idle during startup. Minimize the engine's startup time to a period needed for appropriate safe loading of the engine, not to exceed 30 minutes.</p> <p>Att. B, Section VIII, Part F.1.b.iv</p>	

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92	<p>Do the following for CI engines <math>\geq 300</math> hp, not equipped with a closed crankcase ventilation system:</p> <ul style="list-style-type: none"> <li>i. Install a closed crankcase ventilation system that prevents crankcase emissions from emitting to the atmosphere.</li> <li>ii. Install an open crankcase filtration emission control system that reduces emissions from the crankcase.</li> <li>iii. Follow manufacturer's specified maintenance requirements (or request the Director to approve different maintenance requirements that are as protective) for O&amp;M of the open and closed crankcase vent systems and the replacement of filters.</li> </ul> <p style="text-align: right;">Att. B, Section VIII, Part F.1.b.v</p>	
93	<p>For an engine <math>&gt; 300</math> hp and a displacement <math>&lt; 30</math> L per cylinder, use diesel fuel that has a max sulfur content of 15 ppm and a min cetane index of 40 or max aromatic content of 35%.</p> <p style="text-align: right;">Att. B, Section VIII, Part F.1.b.vi</p>	
94	<p>For engines between 300 and 500 hp, limit the CO concentration in the exhaust to 49 ppmvd at 15% oxygen, or reduce CO emissions by 70% or more.</p> <p style="text-align: right;">Att. B, Section VIII, Part F.1.c.i</p>	
95	<p>For engines <math>&gt; 500</math> hp, limit the CO concentration in the exhaust to 23 ppmvd, or reduce the CO emissions by 70% or more.</p> <p style="text-align: right;">Att. B, Section VIII, Part F.1.c.ii</p>	
96	<p>If an oxidation catalyst is used to control CO:</p> <ul style="list-style-type: none"> <li>i. Maintain the catalyst so the pressure drop across the catalyst does not change by more than 2 in of water at 100% load <math>\pm 10\%</math> from the pressure drop measured during the initial performance test.</li> <li>ii. Maintain the temperature of the engine exhaust so the catalyst inlet temperature is between 450 and 1350 °F.</li> </ul> <p style="text-align: right;">Att. B, Section VIII, Part F.1.c.iii</p>	
97	<p>If the CI engine does not use an oxidation catalyst, comply with the requirement to reduce CO and limit the concentration of formaldehyde in the engine exhaust by complying with any operating limitation approved by the Administrator/Director.</p> <p style="text-align: right;">Att. B, Section VIII, Part F.1.c.iv</p>	
98	<p>Analyze and keep records the following parameters at the frequency specified for changing the oil, if utilizing an oil analysis program:</p> <ul style="list-style-type: none"> <li>i. Total Base Number is less than 30% of when the oil was new.</li> <li>ii. Viscosity has changed by no more than 20% of when the oil was new.</li> <li>iii. Percent water content (by volume) is greater than 0.5.</li> </ul> <p style="text-align: right;">Att. B, Section VIII, Part F.1.d.ii</p>	
99	<p>Change the oil if any of the above parameters limits are exceeded.</p> <p style="text-align: right;">Att. B, Section VIII, Part F.1.d.ii</p>	

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100	<p><b>Inform the Director if the catalyst for CO oxidation is replaced and reestablish operating parameter values measured during the initial performance test.</b></p> <p>Att. B, Section VIII, Part F.1.e.viii and F.1.f.iv</p>	
101	<p><b>Conduct initial performance testing within 180 days of May 3, 2013.</b></p> <p>Att. B, Section VIII, Part F.1.f.i</p>	
102	<p><b>Conduct testing on CI engines &lt; 300 hp every 8760 hrs or three years, whichever comes first.</b></p> <p>Att. B, Section VIII, Part F.1.f.ii</p>	
103	<p><b>All new or reconstructed SI engines shall comply with Stationary Spark Ignition Engines Subject to NSPS 40 CFR 60 Subpart JJJJ (Att. B, Section VIII, Part D).</b></p> <p>Att. B, Section VIII, Part F.2.a.ii</p>	
<b>Attachment B, Section IX: Fugitive Dust Requirements</b>		
104	<p><b>Keep dust and other types of air contaminants to a minimum in open areas where construction operations, repair operations, demolition activities, clearing operations, leveling operations, or any earth moving or excavating activities are taking place.</b></p> <p><b>Use good modern practices such as using an approved dust suppressant or adhesive soil stabilizer, paving, covering, landscaping, continuous wetting, detouring, barring access, or other acceptable means.</b></p> <p>Att. B, Section IX, Part B.1.c.i</p>	
105	<p><b>Keep dust to a minimum from driveways, parking areas, and vacant lots where motor vehicular activity occurs by using an approved dust suppressant, or adhesive soil stabilizer, or by paving, or by barring access to the property, or by other acceptable means.</b></p> <p>Att. B, Section IX, Part B.1.c.ii</p>	
106	<p><b>Keep dust and other particulates to a minimum by employing dust suppressants, temporary paving, detouring, wetting down or by other reasonable means when a roadway is repaired, constructed, or reconstructed.</b></p> <p>Att. B, Section IX, Part B.1.c.iii</p>	
107	<p><b>Take reasonable precautions, such as wetting, applying dust suppressants, or covering the load when transporting material likely to give rise to airborne dust.</b></p> <p>Att. B, Section IX, Part B.1.c.iv</p>	
108	<p><b>Take reasonable precautions, such as the use of spray bars, wetting agents, dust suppressants, covering the load, and hoods when crushing, handling, or conveying material likely to give rise to airborne dust.</b></p> <p>Att. B, Section IX, Part B.1.c.v</p>	
109	<p><b>Take reasonable precautions such as chemical stabilization, wetting, or covering when organic or inorganic dust producing material is being stacked, piled, or otherwise stored.</b></p> <p>Att. B, Section IX, Part B.1.c.vi</p>	

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110	Operate stacking and reclaiming machinery utilized at storage piles at all times with a minimum fall of material, or with the use of spray bars and wetting agents. Att. B, Section IX, Part B.1.c.vii	
111	Control visible emissions from haul roads, storage piles using water or equivalent. Att. B, Section IX, Part B.2	
112	Maintain records of dates on which dust control activities (above) are performed or control measures are adopted. Att. B, Section IX, Part B.3.a	
113	Conduct monthly visual surveys of fugitive dust sources and keep records of the surveys. Take further actions if a source appears to exceed the opacity standard. Att. B, Section IX, Part B.3.b	
<b>Attachment B, Section X: Mobile Source Requirements</b>		
114	Off-road/roadway/site cleaning machinery shall not emit smoke with an opacity greater than 40% for more than 10 seconds. Ten minute exemption when starting cold equipment. Att. B, Section X, Part B.1.a- B.1.b.i	
115	Take reasonable precautions such as the use of dust suppressants, before the cleaning of a site/roadway/alley. Earth or other material shall be removed from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water or by other means. Att. B, Section X, Part B.1.b.ii	
116	Keep records of all emissions related maintenance activities performed on mobile sources. Att. B, Section X, Part B.2	
<b>Attachment B, Section XI: Conditions Specific to Portable Sources</b>		
117	Each piece of equipment must have the serial or ID number stenciled in 4-inch letters and referenced in correspondence with the Department. Att. B, Section XI, Part A	
118	Submit move notices 10 working days before a transfer. Att. B, Section X, Part B	
<b>Attachment B, Section XII, Part A: Abrasive Blasting</b>		
119	Do not sandblast or do other abrasive blasting without minimizing dust emissions to the atmosphere through the use of good modern practices such as: i. Wet blasting ii. Effective enclosures with necessary dust collecting equipment iii. Other methods approved by the Director. Att. B, Section XII, Part A.1.a	
120	Opacity <= 20% from sandblasting or other abrasive blasting operations. Att. B, Section XII, Part A.1.b	

#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
121	Record each blasting project date, duration, and type of control measures employed. Att. B, Section XII, Part A.2	
<b>Attachment B, Section XII, Part B: Use of Paints</b>		
122	Conduct spray painting in an enclosed area equipped with controls which contain no less than 96% of the overspray. Exception for architectural coating and spot painting Att. B, Section XII, Part B.1.a.i	
123	Do not employ, apply, evaporate, or dry and architectural coating containing photochemically reactive solvents. Do not thin or dilute architectural coating with a photochemically reactive solvent. Att. B, Section XII, Part B.1.a.ii	
124	Log each time a spray painting project is conducted and include: i. date project conducted ii. duration iii. control measures used iv. MSDS for all paints and solvents v. Amount of paint consumed Architectural coating and spot painting projects are exempt. Att. B, Section XII, Part B.1.b	
125	Opacity <=20% for painting operations. Att. B, Section XII, Part B.2.a	
<b>Attachment B, Section XII, Part C: Demolition/Renovation – Hazardous Air Pollutants</b>		
126	Comply with 40 CFR 61 Subpart M (National Emissions Standards for Hazardous Air Pollutants-Asbestos) Att. B, Section XII, Part C.1	
127	Keep all required records on file including the “NESHAP Notification for Renovation and Demolition Activities” form and all supporting documents. Att. B, Section XII, Part C.2	

**Equipment List** – See attached ATOs. Changes to equipment since last inspection? Choose an item.  
Changes noted below:

Make/Model	Equipment #	Serial #	Manufacture Date	Maximum Rated Capacity

<b>Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)</b>		
<b>#</b>	<b>Requirement from General Permit</b>	<b>Requirement Met? (Yes, No, N/A) Please include any comments.</b>
1	<b>All opacity ≤ 20% other than uncombined water.</b> Attachment C, Section II, Part A	
2	<b>Do not emit gaseous or odorous emissions in such quantities as to cause air pollution.</b> Attachment C, Section II, Part B	
3	<b>Materials including (but not limited to) solvents, VOC's, paints, acids, alkalies, pesticides, fertilizer and manure, ect., shall be processed, stored, used and transported in a manner that they will not unreasonably evaporate, leak, escape or be other wise discharged into the ambient air.</b> Attachment C, Section II, Part C.1	
4	<b>Any stack , vent or outlet discharged to adjoining property may be required by the Director to install abatement equipment.</b> Attachment C, Section II, Part C.2	
5	<b>Maintain on-site at all times the O&amp;M plan for all emission control systems (ECS).</b> Attachment C, Section II, Part C.3.a	
6	<b>Submit the O&amp;M Plan to the Director for approval for each ECS and ECS monitoring device.</b> Attachment C, Section II, Part C.3.b	
7	<b>Comply with all actions and schedules in each O&amp;M Plan.</b> Attachment C, Section II, Part C.3.c	
8	<b>Provide and maintain on-site at all times an O&amp;M Plan for equipment associated with any process fugitive emissions and fugitive dust control measure.</b> Attachment C, Section II, Part C.3.d	
9	<b>Install, maintain, and calibrate monitoring devices described in O&amp;M Plan. The monitoring devices shall measure pressures, rates of flow, or other operating conditions necessary to determine if the control devices are functioning properly.</b> Attachment C, Section II, Part C.3.e	
10	<b>Comply with all O&amp;M Plans that have been submitted for approval, even if not yet approved (unless notified in writing by the Director).</b> Attachment C, Section II, Part C.3.f	
11	<b>Conduct a weekly facility walk-through to observe visible emissions from all emissions emanating equipment. Log visual observations.</b> Attachment C Section II, Part C.4.a.i	
12	<b>Additional information regulating opacity determinations can be found in Sections 301, 302, and/or 303 of Maricopa County Rule 316; EPA Reference Method 203B, 40 CFR Part 51, Appendix M.</b> Attachment C, Section II, Part C.4a.ii	

## Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)

#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
13	<p>Keep records every day the facility is actively operating. Include the following:</p> <ul style="list-style-type: none"> <li>i. Hours of Operation</li> <li>ii. Type of batch plant (wet, dry, central)</li> <li>iii. Throughput of basic raw materials including sand, aggregate, and cement in tons/day</li> <li>iv. Volume of concrete produced (cubic yds/day)</li> <li>v. Volume of aggregate mined per day (cubic yds/day)</li> <li>vi. Amount of each basic raw materials (including sand, aggregate, cement, flyash) delivered per day (tons/day).</li> <li>vii. Number of aggregate trucks, mixer trucks, or batch trucks exiting the facility</li> </ul> <p style="text-align: right;">Attachment C, Section II, Part C.4b</p>	
14	<p>Required records for dry mix concrete plants:</p> <ul style="list-style-type: none"> <li>i. Number of bags of dry mix produced per day</li> <li>ii. Weight (size) of bags of dry mix produced per day</li> <li>iii. Type and amount of fuel consumed in the dryer in cubic feet/day or gal/day.</li> <li>iv. Type and amount of any back-up fuel in cubic feet/day or gal/day.</li> </ul> <p style="text-align: right;">Attachment C, Section II, Part C.4.c</p>	
15	<p>Required records for fabric filter baghouse:</p> <ul style="list-style-type: none"> <li>i. Date of inspection</li> <li>ii. Date and designation of bag replacement</li> <li>iii. Date of service/maintenance related activities</li> <li>iv. Time, date, and cause of fabric filter baghouse failure or downtime</li> </ul> <p style="text-align: right;">Attachment C, Section II, Part C.4.d.i</p>	
16	<p>Required records for watering systems (spray bars or equivalent):</p> <ul style="list-style-type: none"> <li>i. Date, time, and location of each moisture sampling point</li> <li>ii. Results of moisture testing</li> </ul> <p style="text-align: right;">Attachment C, Section II, Part C.4dii</p>	
17	<p>Maintain the following O&amp;M plan records:</p> <ul style="list-style-type: none"> <li>i. Periods of time an approved emission control system is operating</li> <li>ii. Periods of time when an approved emission control system is not operating;</li> <li>iii. Flow rates</li> <li>iv. Pressure drops</li> <li>v. Other conditions necessary to determine if the approved emission control system is functioning properly</li> <li>vi. Results of visual inspections</li> <li>vii. Correction action taken, if necessary.</li> </ul> <p style="text-align: right;">Attachment C, Section II, Part C.4e</p>	

<b>Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)</b>		
<b>#</b>	<b>Requirement from General Permit</b>	<b>Requirement Met? (Yes, No, N/A) Please include any comments.</b>
18	<p><b>For equipment associated with process fugitive emissions and any dust control measures:</b></p> <ul style="list-style-type: none"> <li>i. <b>Maintain written records of self-inspection every day that the facility is actively operating.</b></li> <li>ii. <b>Maintain street sweepers.</b></li> <li>iii. <b>Maintain trackout control devices, gravel pads, wheel washers, and truck washers.</b></li> </ul> <p style="text-align: right;">Attachment C, Section II, Part C.4.f</p>	
19	<p><b>Maintain on-site and available copies of all earth moving permits obtained from Maricopa County and the most recently approved Dust Control Plan.</b></p> <p style="text-align: right;">Attachment C, Section II, Part C.4h-i</p>	
20	<p><b>Opacity limits:</b></p> <ul style="list-style-type: none"> <li>i. <b>Stack emissions <math>\leq 5\%</math></b></li> <li>ii. <b>Fugitive emissions <math>\leq 10\%</math></b></li> <li>iii. <b>Truck dumping into hopper, screening operation, or crusher <math>\leq 20\%</math></b></li> <li>iv. <b>Everything else <math>\leq 20\%</math></b></li> </ul> <p style="text-align: right;">Attachment C, Section III, Part and Section V, Part A.1</p>	
21	<p><b>Install an operational overflow warning system device on all cement, lime, or flyash storage silo(s). The shall be designed to alert operator(s) to stop the loading operation when reaching a capacity that could adversely impact pollution abatement equipment.</b></p> <p style="text-align: right;">Attachment C, Section III, Part B.1.a</p>	
22	<p><b>Install a properly sized fabric filter baghouse or equivalent device designed to meet a maximum outlet grain loading of 0.01 gr/dscf on new cement, lime or flyash silo(s).</b></p> <p style="text-align: right;">Attachment C, Section III, Part B.1.b</p>	
23	<p><b>Implement one of the following process controls on dry mix concrete plant loading stations or truck mixed product:</b></p> <ul style="list-style-type: none"> <li>i. <b>Install a rubber fill tube.</b></li> <li>ii. <b>Install a water spray.</b></li> <li>iii. <b>Install a properly sized fabric filter baghouse or delivery system.</b></li> <li>iv. <b>Enclose mixer stations such that no visible emissions occur.</b></li> <li>v. <b>Conduct mixer loading stations in an enclosed process building such that no visible emissions from the building occur during the mixing activities.</b></li> </ul> <p style="text-align: right;">Attachment C, Section III, Part B.c</p>	
24	<p><b>Install a pressure control system designed to shut-off cement silo filling processes or loading operations, if pressure from delivery truck is excessive, as defined in the O&amp;M Plan.</b></p> <p style="text-align: right;">Attachment C, Section III, Part B.d</p>	



Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)		
#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
25	<p>Keep accurate daily records of:</p> <ul style="list-style-type: none"> <li>i. Hours of operation</li> <li>ii. Throughput of raw materials processed in the plant in tons per day</li> <li>iii. Amount of each raw material delivered to the plant in tons per day</li> <li>iv. Amount of water used to control fugitive emissions from the process equipment</li> </ul> <p style="text-align: right;">Attachment C, Section III, Part C.2</p>	
26	<p>Maintain a record of periods of time that an approved ECS is used to comply with conditions III.A.1 through III.A.3 of Attachment "D".</p> <p style="text-align: right;">Attachment C, Section III, Part C.3</p>	
27	<p>ICE Requirements- (applies to any single stationary spark or compression-ignited reciprocating engine with &gt;250 bhp; in addition to, a combination of IC engines used at a single source, each with &gt;50 bhp whose max aggregate bhp is &gt;250.)</p> <ul style="list-style-type: none"> <li>i. Use a fuel with no more than 0.05% sulfur by weight (alone or in combination with other fuels).</li> <li>ii. Use any waste derived fuel gas that contains no more than 0.08% sulfur by weight (alone or in combination with other fuels).</li> <li>iii. Conduct preventative maintenance or tuning procedures recommended by the engine manufacturer.</li> <li>iv. Opacity &lt;=20%</li> <li>v. Comply with emission limits or control technology listed in Tables 1, 2, or 3 (depending on the type of engine) in the permit.</li> <li>vi. Engine efficiency not less than 30%</li> <li>vii. Documentation of the concentration of the sulfur level of the waste-derived fuel sent to the Director.</li> </ul> <p style="text-align: right;">Attachment C, Section IV, Part A through G</p>	

### Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)

#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
28	<p><b>ICE Compliance Determination:</b></p> <ul style="list-style-type: none"> <li>i. Existing IC engines/engine families conduct recordkeeping according to Condition IV.E (). Emission testing shall be performed if requested by the Director.</li> <li>ii. When testing existing engine families, the number of engines tested should be one or one-third of all identical engines in the group, whichever is greater.</li> <li>iii. Demonstrate compliance with Table 3 with either a statement from the manufacturer that the engine meets the most stringent standards found in 40 CFR Part 89 or 90 or performance of emission testing using test methods of Condition IV.K.</li> <li>iv. Submit documentation of the concentration of the sulfur level of waste-derived fuel to the Director.</li> </ul> <p style="text-align: right;">Attachment C, Section IV, Part I</p>	
29	<p><b>Comply with the following stationary IC engine recordkeeping and record retention requirements:</b></p> <ul style="list-style-type: none"> <li>i. Keep a record (which includes a one time entry) that lists: <ul style="list-style-type: none"> <li>a) the particular engine combustion type</li> <li>b) manufacturer</li> <li>c) model design</li> <li>d) rated bhp</li> <li>e) serial number</li> <li>f) engine location on site</li> </ul> </li> <li>ii. Maintain the following monthly records for prime engines: <ul style="list-style-type: none"> <li>a) hours of operation</li> <li>b) type of fuel used</li> <li>c) documentation verifying compliance with sulfur fuel content according to Condition IV.B.I of Attachment "C"</li> </ul> </li> <li>iii. Maintain an annual record of good combustion procedures for prime engines, according to Condition IV.C of Attachment "C".</li> <li>iv. Keep records for 5 years.</li> </ul> <p style="text-align: right;">Attachment C, Section IV, Part J</p>	
30	<p><b>Do not allow fugitive emissions that remain visible in the atmosphere beyond the property line.</b></p> <p style="text-align: right;">Attachment C, Section V, Part A.2</p>	
31	<p><b>Fugitive dust emission limitations do not apply in a wind even if the following conditions are met:</b></p> <ul style="list-style-type: none"> <li>i. Implemented dust control measures</li> <li>ii. Compiled and maintained records</li> <li>iii. Implemented high wind fugitive dust control measures</li> </ul> <p style="text-align: right;">Attachment C, Section V, Part A.3</p>	

## Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)

#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
32	<p>Comply with the following silt loading and silt content standards for unpaved roads, parking and staging areas:</p> <ul style="list-style-type: none"> <li>i. Opacity <math>\leq</math> 20%</li> <li>ii. Unpaved roads should have silt loading <math>\geq</math> 0.33 oz/ ft<sup>2</sup> or silt content exceeding 6%</li> <li>iii. Unpaved parking and staging areas should have silt loading <math>\geq</math> 0.33 oz/ ft<sup>2</sup> or silt content exceeding 8%</li> </ul> <p style="text-align: right;">Attachment C, Section V, Part A.4</p>	
33	<p>Comply with at least one of the standards below for open storage piles and material handling or surface soils where support equipment and vehicles operate:</p> <ul style="list-style-type: none"> <li>i. Maintain a soil crust.</li> <li>ii. Maintain a threshold friction velocity (TFV) for disturbed surface areas corrected for non-erodible elements of 100 cm/second or higher.</li> <li>iii. Maintain a flat vegetative cover that is equal to at least 50%.</li> <li>iv. Maintain a standing vegetative cover that is equal to at least 30%.</li> <li>v. Maintain a standing vegetative cover that is equal to at least 10% and where the threshold friction velocity is at least 43 cm/second when corrected for non-erodible elements.</li> <li>vi. Maintain a percent cover that is equal to or greater than 10% for non-erodible elements.</li> <li>vii. Comply with a standard of an alternative test method that is approved by the Director and EPA.</li> </ul> <p style="text-align: right;">Attachment C, Section V, Part A.5</p>	
34	<p>When stacking, loading, or unloading an open storage pilt, spray material with water or a dust suppressant as necessary.</p> <p style="text-align: right;">Attachment C, Section V, Part B.1.a</p>	
35	<p>When not stacking, loading, or unloading,</p> <ul style="list-style-type: none"> <li>i. Spray material with water as necessary.</li> <li>ii. Maintain a 1.5% or more soil moisture content of the open storage pile.</li> <li>iii. Locate open storage pile(s) in a pit or in the bottom of pit.</li> <li>iv. Arrange open storage pile(s) such that the larger diameter product piles are on the perimeter and act as barriers for open storage piles.</li> <li>v. Construct and maintain wind barriers, storage silos, or a three-sided enclosure with walls. (Length no less than the length of the pile, distance from the pile is no more than twice the height of the pile, height that is equal to the pile height, and porosity no more than 50%)</li> <li>vi. Cover open storage piles with tarps, plastic, etc.</li> </ul> <p style="text-align: right;">Attachment C, Section V, Part B.1.b</p>	

<b>Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)</b>		
<b>#</b>	<b>Requirement from General Permit</b>	<b>Requirement Met? (Yes, No, N/A) Please include any comments.</b>
36	<p>If feasible, install new open storage pile(s) at least 25 feet from the property line and limit the height to less than 45 feet.</p> <p>Attachment C, Section V, Part B.1.c</p>	
37	<p>Install, use, and maintain a water truck (or other method to completely wet the surface) if an open storage pile will be constructed over 80 feet high and will not be covered.</p> <p>Attachment C, Section V, Part B.1.d</p>	
38	<p>Implement one of the following for surface stabilization where support equipment and vehicles operate:</p> <ul style="list-style-type: none"> <li>i. Pre-water surface soils</li> <li>ii. Apply and maintain a dust suppressant, other than water</li> <li>iii. Apply a gravel pad, in compliance with the Condition V.B.6.b.iv of this Attachment.</li> </ul> <p>Attachment C, Section V, Part B.2</p>	
39	<p>Implement one of the following before engaging in the use of, or in maintenance of, haul and access roads:</p> <ul style="list-style-type: none"> <li>i. Install and maintain bumps, humps, or dips for speed control and apply water, as necessary.</li> <li>ii. Limit vehicle speeds and apply water, as necessary.</li> <li>iii. Pave</li> <li>iv. Apply and maintain a gravel pad in compliance</li> <li>v. Apply a dust suppressant other than water.</li> <li>vi. Install and maintain a cohesive hard surface.</li> </ul> <p>Attachment C, Section V, Part B.3.a</p>	
40	<p>If the above fugitive dust control measures are technically infeasible (and approved by the Director and EPA), maintain at least 25 feet from the property line for haul and access roads.</p> <p>Attachment C, Section V, Part B.3.b</p>	
41	<p><b>On-site Traffic Requirements</b></p> <ul style="list-style-type: none"> <li>i. Require all batch trucks and material delivery trucks to remain on internal roads with paved or cohesive hard surfaces.</li> <li>ii. Require all aggregate trucks to remain on paved surfaces or cohesive hard surfaces, except when driving on roads leading to and from aggregate loading areas or loading operations.</li> <li>iii. Require all batch and material delivery trucks to enter and exit the facility only through entrances that comply with the trackout requirements.</li> <li>iv. Pave or install cohesive hard surface on permanent areas of the facility on which vehicles drive.</li> </ul> <p>Attachment C, Section V, Part B.4</p>	

## Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)

#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
42	<p>When hauling/transporting bulk material off-site, implement all of the following:</p> <ul style="list-style-type: none"> <li>i. Load all haul trucks such that the freeboard is not less than three inches.</li> <li>ii. Prevent spillage or loss of bulk material from holes or other openings in the cargo compartment's floor, sides, or tailgate(s).</li> <li>iii. Cover haul trucks with a tarp or other suitable closure.</li> </ul> <p style="text-align: right;">Attachment C, Section V, Part B.5</p>	
43	<p>Install, maintain, and use a rumble grate and wheel washer if at least 60 aggregate/mixer/batch trucks exit the facility on any day onto paved public roadways. Comply with the additional requirements:</p> <ul style="list-style-type: none"> <li>i. Locate a rumble grate within 10 feet from the wheel washer.</li> <li>ii. Locate rumble grate and wheel washer no less than 30 feet prior to each exit that leads to a paved public roadway and is used by aggregate/mixer/batch trucks. (Exceptions if it is demonstrated to the Director that there is not adequate space).</li> <li>iii. Ensure all aggregate/mixer/batch trucks exit the facility via the rumble grate first and then the wheel washer.</li> <li>iv. Post a sign by the rumble grate and wheel washer that the speed limit is 5mph.</li> <li>v. Pave internal roads from the rumble grate and wheel washer to the facility exits leading to the paved public roadways.</li> <li>vi. Ensure all aggregate/mixer/batch trucks remain on paved internal roads between the rumble grate, wheel washer, and the facility exits leading to the paved public roadways.</li> </ul> <p style="text-align: right;">Attachment C, Section V, Part B.6.a</p>	
44	<p>If the facility doesn't have over 60 trucks (aggregate/mixer/batch), a rumble grate, wheel washer, or truck washer may be installed less than 30 feet prior to each exit, if there is not adequate space to be at least 30 feet away.</p> <p style="text-align: right;">Attachment C, Section V, Part B.6.b.i.a</p>	
45	<p>Ensure all aggregate trucks, mixer trucks, or batch trucks exit the facility via a rumble grate, wheel washer, or truck washer.</p> <p style="text-align: right;">Attachment C, Section V, Part B.6.b.ii</p>	
46	<p>Post a sign by the rumble grate, wheel washer, or truck washer to designate the speed limit as 5 mph.</p> <p style="text-align: right;">Attachment C, Section V, Part B.6.b.iii</p>	

## Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)

#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
47	<p>Install, use, and maintain a gravel pad if haul/access roads are unpaved between the rumble grate/wheel washer/truck washer and the facility exits leading to paved public roadways/areas accessible to the public.</p> <p>Design the gravel pad with a layer of washed gravel, rock or crushed rock that is at least one inch or larger in diameter, 6 inches deep, 30 feet wide, 50 feet long, and should be flushed with water or completely replaced as necessary to comply with the trackout threshold.</p> <p style="text-align: right;">Attachment C, Section V, Part B.6.b.iv.a</p> <p>Have a gravel pad stabilizing mechanism (curbs or structural devices along the perimeter of the gravel pad) and shall be flushed with water or completely replaced as necessary.</p> <p style="text-align: right;">Attachment C, Section V, Part B.6.b.iv.b</p>	
48	<p>Do not allow trackout distance to extend a cumulative distance of 25 linear feet or more from all facility exits onto paved areas accessible to the public. Clean up all other trackout at the end of the work day.</p> <p style="text-align: right;">Attachment C, Section V, Part B.6.b.iv.d</p>	
49	<p>Clean all paved internal roads as follows:</p> <ul style="list-style-type: none"> <li>i. With a minimum of 60 aggregate/mixer/batch trucks exiting the facility on any day:</li> <li>ii. Sweep the paved internal roads with at the end of each production work shift if there is evidence of dirt or other bulk material extending a cumulative distance of 12 linear feet or more on any paved internal road.</li> <li>iii. With less than 60 trucks per day, sweep the road every other work day. On days the road is not swept, apply water as necessary on at least 100 feet of paved roads.</li> <li>iv. Buy certified street sweepers.</li> </ul> <p style="text-align: right;">Attachment C, Section V, Part B.6.b.iv.e</p>	
50	<p>Implement/maintain/use fugitive dust control measures during the construction of pads for processing equipment. Identify these measures in the Dust Control Plan.</p> <p style="text-align: right;">Attachment C, Section V, Part B.7</p>	
51	<p>Implement one of the following when spillage occurs:</p> <ul style="list-style-type: none"> <li>i. Promptly remove any pile of spillage on paved haul or access roads or paved internal roads</li> <li>ii. Maintain in a stabilized condition any pile on paved haul or access or paved internal roads and quickly remove the pile at the end of each day.</li> <li>iii. Maintain the other piles with dust suppressants until removal</li> </ul> <p style="text-align: right;">Attachment C, Section V, Part B.8</p>	

<b>Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)</b>		
<b>#</b>	<b>Requirement from General Permit</b>	<b>Requirement Met? (Yes, No, N/A) Please include any comments.</b>
52	<b>Maintain fugitive dust controls at night as approved in the Dust Control Plan.</b> Attachment C, Section V, Part B.9	
53	<b>Fugitive Dust Technician:</b> <b>If rated or permitted at 25 tons or more of material per hour, the facility must have a Fugitive Dust Fugitive dust control technician.</b>  <b>This technician shall be:</b> <ul style="list-style-type: none"> <li>i. <b>Authorized to conduct routine inspections, recordkeeping, and reporting to ensure that all fugitive dust control measures are installed, maintained, and used in compliance with this condition.</b></li> <li>ii. <b>Be trained with the Comprehensive Dust Control Training Class.</b></li> </ul> Attachment C, Section V, Part C.1	
54	<b>Monitor opacity of fugitive emissions in accordance with Fugitive Dust Test Method of Maricopa County Rules.</b> Attachment C, Section V, Part C.2.a	
55	<b>Conduct monthly visual survey of visible fugitive emissions.</b> Attachment C, Section V, Part C.2.b	
56	<b>Submit a Dust Control Plan to the Director. See permit (same reference) for requirements.</b> Attachment C, Section V, Part C.3	
57	<b>Maintain a record of self-inspection of all control measures implemented.</b> Attachment C, Section V, Part C.4	
58	<b>SOIL MOISTURE TESTING FOR WATERING SYSTEMS</b> <b>If twice daily moisture sampling is required, conduct sampling within one hour of startup and again at 3pm or within one hour of shutdown. Not less than once every 8-hour period.</b> Attachment C, Section V, Part C.6.a	
59	<b>If daily moisture sampling is required, sampling shall be conducted within one hour after startup.</b> Attachment C, Section V, Part C.6.b	

<b>Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)</b>		
<b>#</b>	<b>Requirement from General Permit</b>	<b>Requirement Met? (Yes, No, N/A) Please include any comments.</b>
60	<p><b>Maintain a facility information sign at the entrance that meets the following requirements:</b></p> <ul style="list-style-type: none"> <li>i. White background, black block lettering that is at least 4 inches high</li> <li>ii. Facility name and Permittee's name</li> <li>iii. Current number of the air quality permit or of ATO under a general permit</li> <li>iv. Name and local phone number of person(s) responsible for dust control matters</li> <li>v. Text stating: "Dust complaints? Call Maricopa County Air Quality Department" with complaint line telephone number.</li> </ul> <p style="text-align: right;">Attachment C, Section V, Part F</p>	
61	<p><b>ABRASIVE BLASTING</b></p> <p><b>Perform abrasive blasting in a confined enclosure <i>unless</i></b></p> <ul style="list-style-type: none"> <li>i. The item exceeds 8 ft in any dimension, or,</li> <li>ii. The surface is fixed in a permanent location or cannot easily be moved</li> </ul> <p style="text-align: right;">Attachment C, Section VI, Part A.2</p>	
62	<p><b>Use one of the following control measures for unconfined blasting:</b></p> <ul style="list-style-type: none"> <li>i. Wet abrasive blasting</li> <li>ii. Vacuum blasting</li> <li>iii. Dry abrasive blasting, if other conditions are met.</li> </ul> <p style="text-align: right;">Attachment C, Section VI, Part A.3</p>	
63	<p><b>Conduct dry abrasive blasting in a confined enclosure with a forced air exhaust and implement using a certified abrasive or venting to an ECS.</b></p> <p style="text-align: right;">Attachment C, Section VI, Part A.4</p>	
64	<p><b>Comply with requirements for blasting equipment that vents through a required ECS and requires a permit under Rule 200 of the Maricopa County Regulations.</b></p> <p style="text-align: right;">Attachment C, Section VI, Part A.5</p>	
65	<p><b>Do not exceed 20% opacity due to abrasive blasting for any observation period(s) aggregating more than 3 minutes in any 60 minute period.</b></p> <p style="text-align: right;">Attachment C, Section VI, Part A.6</p>	
66	<p><b>Keep blasting operation records on-site.</b></p> <p style="text-align: right;">Attachment C, Section VI, Part A.10</p>	
67	<p><b>No unconfined blasting of paint if the lead content is greater than 0.1%.</b></p> <p style="text-align: right;">Attachment C, Section VI, Part A.12.b</p>	
68	<p><b>SPRAY COATING OPERATIONS</b></p> <p><b>For enclosures located outside a building:</b></p> <p><b>Do not spray paint/coat unless the equipment is operated inside an enclosure with 3, 8 ft. tall sides able to contain the object.</b></p> <p style="text-align: right;">Attachment C, Section VI, Part B.1.a</p>	



### Attachment C: Maricopa County Requirements (In addition to General Permit Conditions)

#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
69	<p>For equipment operated with forced air exhaust directly vented outside:  Maintain an average overspray removal of at least 92% by weight.  Attachment C, Section VI, Part B.1.b</p>	

### Attachment D: Pima County Requirements (In addition to General Permit Conditions)

#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
1	<p>Comply with PM emission limitations for direct-fired fuel burning equipment based on whether the process weight rate is less than or greater than 60,000 pounds (30 tons) per hour.  Attachment D, Section III, Part A</p>	
2	<p>Control dust with water or other dust suppressant and do not leave the land in a state such that fugitive dust emissions are possible.  Attachment D, Section IV, Part A</p>	
3	<p>Do not leave land in a state that fugitive dust emissions (including windblown dust or dust caused by vehicular traffic on the area) would have visible emissions beyond the property line.  Attachment D, Section IV, Part B.2</p>	*Doesn't apply when wind speeds exceed 25 mph.
4	<p>Road and Street Rules</p> <ul style="list-style-type: none"> <li>vii. Do not construct a new unpaved private driveway if it will be used by more vehicular traffic than that associated with a one or two family private residence.</li> <li>viii. Do not construct a new unpaved service road unless dust will be suppressed after construction.</li> <li>ix. Do not construct a new road other than a private driveway unless the paving specifications are defined by the planning or highway department.</li> <li>x. Do not surface roadways with asbestos tailings.</li> </ul> <p>Attachment D, Section IV, Part C</p>	
5	<p>Control PM with adequate dust controls, abrasive blasting controls, and controls on storage piles.  Attachment D, Section IV, Part D, E</p>	
6	<p>Keep fuel records for any portable or stationary equipment (exception for natural gas).  Attachment D, Section V, Part A</p>	
7	<p>Do not exceed opacity limitations specified in TABLE 4, or as otherwise specified in the permit.  Attachment D, Section V, Part B</p>	
8	<p>Do not exceed 20% opacity for non-point sources east of the Tohono O'Odham Reservation; do not exceed 40% for all other non-point sources in Pima County.  Attachment D, Section V, Part B.2</p>	

### Attachment D: Pima County Requirements (In addition to General Permit Conditions)

#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
9	Do not permit visible emissions to diffuse beyond the property line. Attachment D, Section V, Part C.1	*Except when wind speeds exceed 25 mph.

### Attachment E: Pinal County Requirements (In addition to General Permit Conditions)

#	Requirement from General Permit	Requirement Met? (Yes, No, N/A) Please include any comments.
1	Take reasonable precautions to effectively prevent fugitive dust from becoming airborne. Attachment E, Section II, Part A.1	
2	Do not disturb or remove soil or any natural cover without taking reasonable precautions to prevent fugitive dust. Attachment E, Section II, Part A.2	
3	No opacity observations shall be made or additional preventative measures required when the wind speed instantaneously exceeds 25 mph or when the average wind speed is greater than 15 mph. Attachment E, Section II, Part B.1	